

REVIEW

**regarding the competition to fill the academic position "Professor"
in the field of higher education 7. Health and sports, professional
field 7.1. Medicine, specialty "internal Diseases" – one,
announced in the State Register
of the Republic of Bulgaria 13/14.02.2020**

**For the needs of the Faculty of Public Health and Healthcare
University "Prof. Dr. Asen Zlatarov" Burgas
With candidate: Assoc. Prof. Dr. Iliya Popov, MD**

Reviewer: Prof. Dr. Hristo Stoyanov Bozov, MD

Dean of Faculty of Public Health and Health Care,
University "Prof. Dr. Asen Zlatarov" - Burgas

Assoc. Prof. Dr. Iliya Dimitrov Popov, MD was born on October 21, 1959. He completed his higher medical education at Medical Academy - Sofia in 1985. He acquired a specialty in internal diseases in 1991, and a specialty in nephrology – in 1995. He has a specialty in health management from "Goethe" International Institute in 1999, and from the RRC – Stara Zagora in 2002. In 2002, he completed a specialization in nephrology abroad. In 2011, he acquired a specialty in health management at Medical University-Sofia.

Assoc. Prof. Popov is a member of the Board of Directors of the Association of Private Medical Institutions in Bulgaria, Bulgarian Nephrological Society, and ERA - EDTA.

The professional activity of Assoc. Prof. Popov began in 1986. Until 2002, as a senior intern-nephrologist at a hemodialysis unit of Multi-profile Hospital St. Kirkovich Stara Zagora.

For the period 1998 – 2011, he performed consultancy and managerial activities in a number of private institutions. In 2016, Assoc. Prof. Popov is appointed Deputy Director of the Medical College – Thracian University – Stara Zagora.

From 2010 to date, Assoc. Prof. Popov is the head of the Haemodialysis unit at Multi-Profile Hospital St. Petka Bulgarska in the town of Nova Zagora. From 2016 to date, Assoc. Prof. Popov performs the position of Chief I Internal Clinic and Nephrology and Hemodialysis Clinic at University Hospital "Prof. Dr. St. Kirkovich" LTD Stara Zagora.

1. General description of the submitted materials

Assoc. Prof. Popov has 75 scientific works. From all the publications submitted, the scientific works after acquiring the academic position "Associate Professor" are a total of 33, broken down by type as follows:

- Dissertation work for awarding an educational and scientific degree "doctor": "Involvement of the infection of *Helicobacter pylori* in gastric pathology in patients with CRF on hemodialysis",
- Habilitation work – Monograph: "Chronic kidney disease and microbiota";
- Published monograph as a co-author "Osteoporosis-Prevalence and prevention";

- 15 publications and reports published in scientific journals, referenced and indexed in world-famous databases with scientific information, 11 of which in English, and in foreign editions;
- 16 publications and reports published in non-referenced journals with scientific review, 5 of which in English.

Assoc. Prof. Popov has numerous participations in scientific forums, as well as participations in 4 educational projects.

Assoc. Prof. Dr. Iliya Popov, MD is the first author in 25% of the full-text publications.

In my opinion, the candidate covers the scientometric requirements for the academic position "Professor" according to the significance of the scientific works, as many of them are published in famous foreign and Bulgarian scientific journals.

2. Pedagogical activity of the applicant.

The teaching activity of Assoc. Prof. Dr. Iliya Popov, MD started in 2005 to present as a lecturer in Medical College - Thracian University - Stara Zagora. Since 2016 to date, he parallel teaches at the Medical College and the Faculty of Public Health and Healthcare – University "Prof. Dr. Asen Zlatarov " - Burgas. In this period, there are 9 educational programs for training in "Internal Diseases", "Nursing Care in Somatic diseases", "Geriatrics" for the specialties in Faculty of Public Health and Health Care at University "Prof. Dr. A. Zlatarov. He has developed 2 training programs in "Internal Diseases" and "Pre-medical Care" at Medical College TU Stara Zagora for students in second and third year with specialty: Rehabilitator, Medical Laboratory Technician, Geriatric Care, Paramedic. He has developed 2 learning tools.

Assoc. Prof. Popov is the mentor of two doctors specializing in nephrology.

3. Primary scientific and scientific-applied contributions.

The scientific papers presented to me for review highlight the following major contributions of scientific nature:

1. Proven data in the damage to the gastric mucosa is played by chronic endogenous intoxication, and the infection with *Helicobacter pylori*.
2. Proven data that the treatment of the *Helicobacter pylori* infection is carried out with medical therapy in dosages and duration as in patients without kidney diseases.
3. Proven data that in the early stages of CKD, vitamin D deficiency causes reversible increase in secretion and blood levels of PTH, and a decrease in Ca and MG.
4. Literature overview of the emerging and problems of acute renal failure, arising in the case of stem-cell transplantation.
5. The risk of osteoporosis with the RHEMS methodology for central zones-lumbar spine and femoral neck of the patient has been investigated.
6. Osteoporosis has been diagnosed in patients in senile age. Bone density of central areas-vertebral column and hip joints in female patients treated with corticosteroids has been studied.
7. The bone density of the central zones-vertebral column and hip joints in female patients treated with corticosteroids and the presence of rheumatoid arthritis disease has been studied.
8. The fractal risk has been investigated in female patients with rheumatoid arthritis.
9. The methods of self-assessment of the risk of osteoporosis are applied among the population of women from the Bulgarian population who are most threatened by osteoporosis fractures.

Besides these major contributions to the scientific activity of the candidate, other contributions are outlined-mainly with practical application.

4. Reflection of the candidate's scientific publications in our and foreign literature (in his data):

Assoc. Prof. Iliya Popov meets the requirements laid down in the Rules of University "Prof. Dr. Asen Zlatarov "- Burgas in terms of the impact factor- total impact factor – 28.799.

In the report presented to me, the total number of citations in referenced and non-referenced scientific journals is 26.

Metric Group Content	Associate Professor	Professor	Minimum Requirements for UI
A Indicator 1	50	50	50
G Sum of indicators 5 to 9			
B Indicator 2	0	0	-
B Indicator 3		100	100
B Indicator 4	146.24		
G Sum of indicators 5 to 9	200.7	390.2	250
D Sum of indicators 10 to 12	50	240	150
E Sum of indicators 13 to end		145	120

5. Conclusion:

The scientific and teaching activities of Assoc. Prof. Dr. Iliya Dimitrov Popov, MD fully meets the qualitative and quantitative criteria for academic staff development, as set out in the Rule Book of University "Prof. Dr. Asen Zlatarov "-Bourgas for the occupation of the academic position "Professor". Assoc. Prof. Popov has considerable lecture workload and pedagogical experience. His knowledge and practical activities in various areas of public health, as well as the experience of his positions make him a highly qualified lecturer, and the various forms of postgraduate training allow him to successfully apply new knowledge in the disciplines he teaches.

This allows me to recommend confidently to the honorable colleagues, members of the scientific jury, to select Assoc. Prof. Dr. Iliya Dimitrov Popov, MD to occupy the academic position "Professor" in professional direction 7.1 Medicine, specialty "Internal Diseases".

Reviewer :

Prof. Dr. Hr. Bozov, MD